

May 27, 2009

STORMTRAP, LLC
JUSTIN MAY
2499 W BUNGALOW RD
MORRIS IL 60450

Re: Description: STORMWATER DETENTION AND/OR INFILTRATION SYSTEM, ALTERNATE PLBG SYS
Manufacturer: STORMTRAP, LLC
Product Name: STORMTRAP
Model Number(s): SINGLE TRAP I, II, III, IV AND DOUBLE TRAP I, II, III, IV
Product File No: 20090138

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters Comm 82 through 84, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an approval based on the Wisconsin Statutes and the Wisconsin Administrative Code. **This approval is valid until the end of May 2014.**

This approval is contingent upon compliance with the following stipulation(s):

- This product must be installed in accordance with the manufacturer's printed instructions, product approval and the plan approval. If there is a conflict between the manufacturer's instructions and the plan approval, the plan approval will take precedence.
- This product is approved for the following uses:
 - Stormwater and clearwater subsurface detention system,
 - Stormwater and clearwater subsurface infiltration system, or
 - Stormwater and clearwater subsurface detention/infiltration system
- These products may be installed for the following uses:
 - a. SingleTrap - Infiltration or Detention
 - b. DoubleTrap - Detention or Sewer
- The joints of SingleTrap or DoubleTrap product must be sealed in accordance with the following:
 - The horizontal joint around the perimeter of the system must be sealed with a flexible butyl resin sealant that complies with ASTM Standard C990; and
 - All other exterior joints must be sealed with a minimum 12" wide plastic film and mesh reinforced mastic band that complies with ASTM Standard C877 Type II.
- The installation of SingleTrap product as a stormwater infiltration system must be installed on concrete footings in accordance with the manufacturer's installation instructions.
- The installation of SingleTrap product as a stormwater detention system must be installed on a concrete slab in accordance with the manufacturer's installation instructions.
- This product must be labeled with the follow information; StormTrap logo, Unit type (I, II, III, or IV), and IDOT and NPCA approved.

- Prior to installation of this product, plans and specifications must be submitted to the department or to an approved agent municipality for review and approval in accordance with s. Comm 82.20 (1) of the Wis. Admin. Code. Written approval for the plans and specifications shall be obtained prior to installation of the product.
- When this product is installed, the installation must be in accordance with the manufacturer's printed design installation instructions, ch. Comm 82, plan approval under s. Comm 82.20, and any product approval stipulations. When there is a conflict between manufacturer's installation instructions and plan approval conditions or product approval stipulations, the plan approval conditions or product approval stipulations will take precedence.
- Any plumbing plans that include this device(s) and submitted to Commerce shall be accompanied by an acceptable modeling method, such as outlined in Method for Predicting the Efficiency of Proprietary Storm Water Sedimentation Devices (1006) for the specific site where the installation of this device(s) is planned. The submitted calculations, based on site-specific inputs, shall predict the removal efficiencies by concentration and percentage. For particle size distribution, in SLAMM use file: NURP.cpz.
For a copy of this standard, see:
http://dnr.wi.gov/runoff/pdf/stormwater/techstds/prop_devices_std_v2_051408.pdf
- Any plumbing plans that include this device(s) and submitted to Commerce shall be accompanied by an acceptable modeling analysis for the specific site where the installation of this device(s) is planned. The submitted calculations, based on site-specific inputs, shall predict the removal efficiencies by concentration and percentage for both TSS and O&G. For particle size distribution, use the EPA-NURP (National Urban Runoff Program) distribution.

This approval supersedes the approval issued on 4/22/2004 under product file number 20030445. This approval letter shall be incorporated with your previously approved plans and/or specifications approved under product file number #20030445.

The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely,

Jean M. MacCubbin, CST
Engineering Consultant--Plumbing Product Reviewer
Commerce; Safety & Buildings Div.
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